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|  |                      |                        |           |
|--|----------------------|------------------------|-----------|
|  | Application Number   | 10/600,307             |           |
|  | Filing Date          | June 19, 2003          |           |
|  | First Named Inventor | ALIOTO, John I.        |           |
|  | Art Unit             | 2636                   |           |
|  | Examiner Name        | Trieu, Van Thanh       |           |
| (Not to be used for all correspondence after initial filing)<br>Total Number of Pages in This Submission |                      | 39                     |           |
|  |                      | Attorney Docket Number | 00026-003 |

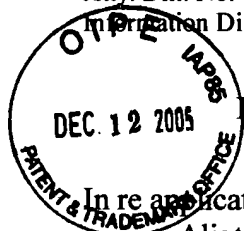
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| <input type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
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| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | Remarks   |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |                           |          |        |
|--|---------------------------|----------|--------|
| Firm Name                                  | Cascio, Schmoyer & Zervas |          |        |
| Signature                                  |                           |          |        |
| Printed name                               | Anthony T. Cascio         |          |        |
| Date                                       | December 8, 2005          | Reg. No. | 29,904 |

| CERTIFICATE OF TRANSMISSION/MAILING   |                   |      |                  |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |                   |      |                  |
| Signature   |                   |      |                  |
| Typed or printed name   | Anthony T. Cascio | Date | December 8, 2005 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of  
Alioto, et al.,

For

Apparatus and Method for  
Detecting Radiation or Radiation  
Shielding in Shipping Containers

Serial No. 10/600,307  
Confirmation No. 6180  
Filed June 19, 2003  
Group Art Unit 2636  
Examiner: Trieu, Van Thanh

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

**Information Disclosure Statement**

Applicants respectfully request that the references particularly identified on the accompanying Information Disclosure Statement by Applicant (PTO/SB/08B) be placed in the Office file for the above identified patent application. Applicants submit that these references were independently discovered by Applicant, subsequently to filing of the Amendment/Response on January 28, 2005, during Applicants continuing efforts toward commercialization of the claimed apparatus, systems, methods and software. Applicants accordingly represent that these references were not first cited in any corresponding domestic or foreign application for patent.

More particularly, Applicants discovered these references while researching market opportunities for Applicants' container crane radiation detection apparatus, systems, methods and software, which research necessarily included determination of any similar research and development efforts of potential competitors and also of public and private research laboratories. Each of these references has been found on and downloaded from the Internet and, therefore, its exact date of publication cannot be readily ascertained. It is noted that the reference designated as Citation No. AA bears a date of April 2003, without an exact date within the month specified. Neither of citation BB and CC appear to bear any date of publication whatsoever on the face of the document, however, it is noted that each of these references includes a sheet referring to a test of a Miniature Integrated Nuclear Detection System (MINDS) system occurring on March 22, 2003.

All of these references apparently disclose the same MINDS system, as indicated by the contribution in all three references of Rutgers University Center for Advanced Information Processing (CAIP), and at least one common author (Wilder) in Citations BB and CC. In particular, as set forth in Citation AA, the MINDS system comprises off the shelf hardware, such as the radiation detectors and the computer that contains a library of specific spectra. CAIP's neural network detection software, known as the Vigilant Decision Machine (VDM), is used for pattern recognition between the pattern of the detected spectra and one of the stored patterns in the library spectra. See, Citation AA at page 3.

Applicants respectfully request that the references identified on the accompanying Information Disclosure Statement by Applicant be placed in the Office file for the above-identified application.

Dated: December 8, 2005

Respectfully submitted,



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Substitute for form 1449/PTO

DEC 12 2005

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

|                        |                  |
|------------------------|------------------|
| Application Number     | 10/600,307       |
| Filing Date            | June 19, 2003    |
| First Named Inventor   | Alioto, John I.  |
| Art Unit               | 2636             |
| Examiner Name          | Trieu, Van Thanh |
| Attorney Docket Number | 00026-004        |

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    | AA                    | (AUTHOR UNKNOWN), PPPL Researchers Develop Anti-terrorism Device, PPPL Digest, April 2003, pages 1-4.   |                |
|                    | BB                    | MAMMONE, RICHARD, et al., Warning and Indicator Systems, WISE LAB, Rutgers University, Power Point presentation downloaded from <a href="http://www.caip.rutgers.edu/wiselab">http://www.caip.rutgers.edu/wiselab</a> , pp.s 1-15                               |                |
|                    | CC                    | WILDER, JOSEPH, Radiation Bomb Detection Through Signal Analysis and Pattern Recognition, Rutgers University Center for Advanced Information Processing, PDF document   |                |
|                    |                       | downloaded from <a href="http://www.caip.rutgers.edu/wiselab">http://www.caip.rutgers.edu/wiselab</a> , pages 1-16.   |                |
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Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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